

CLEAN VERSION

1. A ceramic tile shaping saw comprising a circular blade having a peripheral cutting edge and of a diameter of at least 6 inches, motor means connected to power said circular blade in rotation, a saw housing having opposite ends, means at one end for mounting said housing for pivotally traversing movement, means at said opposite end for journalling said circular blade for rotation in extending depending relation therefrom, a ceramic tile at least of a 6 inch square configuration, a tile support in positioning relation beneath said tile and having an operative position located at an end of and in aligned relation to said path of said pivotal traversing movement of said housing, a descending movement of said housing along said path of said pivotal traversing movement effective to establish the contacting by said cutting blade centrally of a start of a first proposed cut therein during an initial pivotal traversing descent and during continued pivotal traversing descent a progressively enlargement thereof in one direction incident to contact with a length portion of said cutting blade in leading relation to said first cut and incident to contact with a length portion of said cutting blade in trailing relation to said first cut in an opposite direction until said tile is shaped into two parts, whereby said shaping is achieved in an optimum nominal time than would have entailed making said cut from one end thereof to the opposite end thereof.